Creative Enzymes®

GDC-0349

Cat. No. CEI-0853

Lot. No. (See product label)

Introduction

Description	GDC-0349 is a potent and selective ATP-competitive inhibitor of mTOR with Ki of 3.8 nM, 790-fold inhibitory effect against PI3Kα and other 266 kinases. Phase 1.
Synonyms	RG7603

Product Information

CAS No.	1207360-89-1
Molecular Formula	C24H32N6O3
Chemical Name	Urea, N-ethyl-N'-[4-[5,6,7,8-tetrahydro-4-[(3S)-3-methyl-4-morpholinyl]-7-(3-oxetanyl)pyrido[3,4-d]pyrimidin-2-yl]phenyl]-
Molecular Weight	452.55
Targets	mTOR
IC50	3.8 nM (Ki)
Solubility	DMSO 91 mg/mL; Water <1 mg/mL; Ethanol 6 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.